

Resource Recovery Division's FY2021 Objectives & Initiatives

The City of Raleigh's Resource Recovery Division has developed Objectives and Initiatives for our ISO 14001 Environmental Management System that will begin July 1, 2020 to June 30, 2021. Please direct any questions or comments to Emily Fentress at emily.fentress@raleighnc.gov

Intended Outcome	Objective	Initiative
Improve communication with interested parties and the community	Provide staff remote access to relevant electronic documents	<ol style="list-style-type: none"> 1. Determine universal file name convention 2. Require current & future projects to submit electronic documentation in a searchable format (OCR). 3. Prioritize and begin digitization of current physical documents
	Educate public stakeholders about actions being taken to reduce transient odor impacts	<ol style="list-style-type: none"> 1. Track monthly dosing rates & associated costs 2. Initiate pilot test to assess alternative to PRISC & impacts on TP removal @ NRRRF 3. Identify & implement an effective stakeholder engagement process in lieu of CAC's
Improve environmental stewardship	Reduce Energy Intensity	<ol style="list-style-type: none"> 1. Implement feedback DO control program to reduce blower demand at NRRRF 2. Implement feasible energy reduction strategies at all 3 RRFs <p style="text-align: center;">Complete baseline energy intensity evaluation for the remote pump stations by June 30, 2021.</p>
	Reduce waste	Reuse sample containers based on analysis requirements
Continue to meet or exceed regulatory compliance obligations	Monitor, measure and maintain risk aversion plans and strategies (SPCC, SPPP, dam EAP, and CSCR)	Conduct annual staff training on risk aversion plans
	Identify rate of potential needed expansion and/or I&I assessment at LCRRF	<ol style="list-style-type: none"> 1. Install continuous flow telemetry at Middlesex meter for remote accessibility 2. Evaluate need for additional ADS flow monitors
	Maintain 100% regulatory compliance /certifications for all Resource Recovery Division facilities (NPDES, Reuse, Biosolids, Stormwater)	Track compliance data on a daily and monthly basis.
Produce & deliver quality products (biosolids, reclaimed water, & effluent)	Monitor contaminants of emerging concerns	<ol style="list-style-type: none"> 1. Collaborate with other municipalities and review available literature on PFAS to develop sampling plan 2. Develop sampling plan for influent, effluent, and biosolids 3. Execute sampling plan